



Universidade de São Paulo
Instituto de Química

Departamento de Bioquímica

Dr. Henning Ulrich
Full Professor

The Guest Editors of the Special Issue "Purinergic Signaling in Health and Disease" of *Frontiers in Cellular Neuroscience*

Profs. Eric Boué-Grabot, David Blum and Stefania Ceruti

São Paulo, September 15, 2019

Dear Drs. Eric Boué-Grabot, David Blum and Stefania Ceruti:

Please, find enclosed the resubmission of manuscript "P2Y6 and P2X7 receptor antagonism exerts neuroprotective/ neuroregenerative effects in an animal model of Parkinson's disease" by Ágatha Oliveira-Giacomelli et al. for consideration of publication in the Special Issue "Purinergic Signaling in Health and Disease" of *Frontiers in Cellular Neuroscience*. This has been an invited submission and reports so far undiscovered neuroprotective properties of P2Y6 receptor antagonism in the 6OH-dopamine-induced animal of Parkinson's disease as well as further studying therapeutic effects of P2X7 receptor inhibition in this model.

All queries of Reviewer 1 were responded, and new data were included in the manuscript. We thank for the endorsements of Reviewers 2 and 3, indicating that the paper is ready for publication.

The authors declare that there are no conflicts of interest regarding the publication of this paper.

I am looking forward to your response,

Sincerely

Henning Ulrich, Ph.D.
Professor
Institute of Chemistry-University of São Paulo